

Country / City Bangkok

University / School Chulalongkorn University

Academic year 2019

Title of the project Sa-eab valley: Mosaic of land and life — Making resilient landscape and self-sufficiency community

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TECHNICAL DOSSIER

itle of the project	Sa-eab valley: Mosaic of land and life — Making resilient landscape and self-sufficiency	
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itle of the course		Bachelor of landscape architecture
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Department/Section/Program of belonging		Department of Landscape Architecture
Jniversity/School		Chulalongkorn University

Written statement, short description of the project in English, no more than 250 words

Sa-eab is a valley in Phrae province, northern region of Thailand. The heterogeneous valley consists of several villages and various landscape structures such as mountain, foothill, lowland, and river and stream. Other than being a habitat for animals, Sa-eab valley also provides natural resources and ecosystem services which are the foundation for livelihood. Human creates and develops culture according to environmental conditions. However, modern-day short-sighted-economic development reduces the value of the land. Therefore, this proposal aims to make human and nature reconcile by restoring ecological and cultural landscape, enhancing rural green infrastructure, and educating the public about ecological, economic, and cultural values of the land which will create rural resilient landscape, self-sufficient and sustainable community. The locals' quality of life will be improved and the land will be able to adapt to change though climate change and external influences.

For further information

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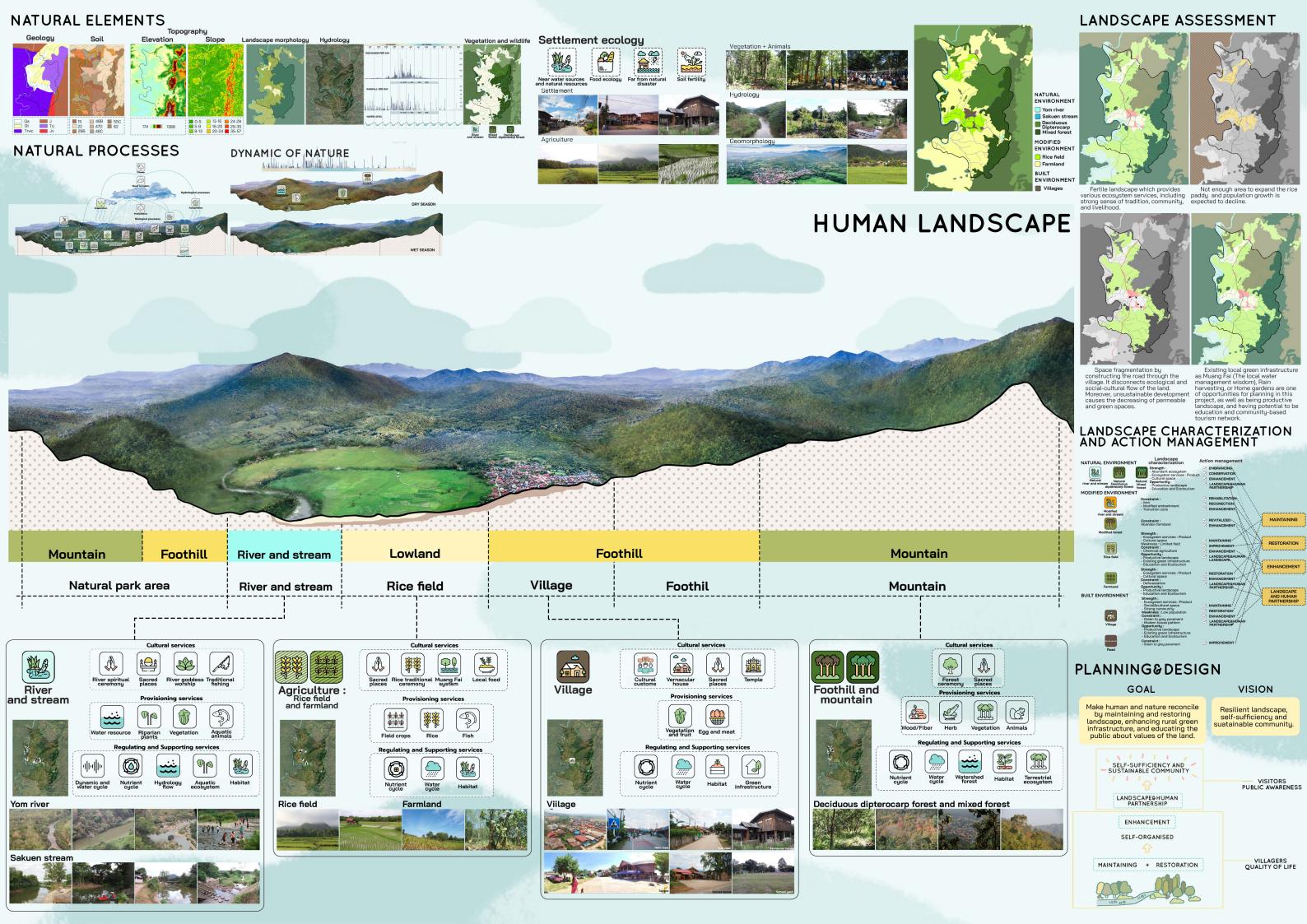


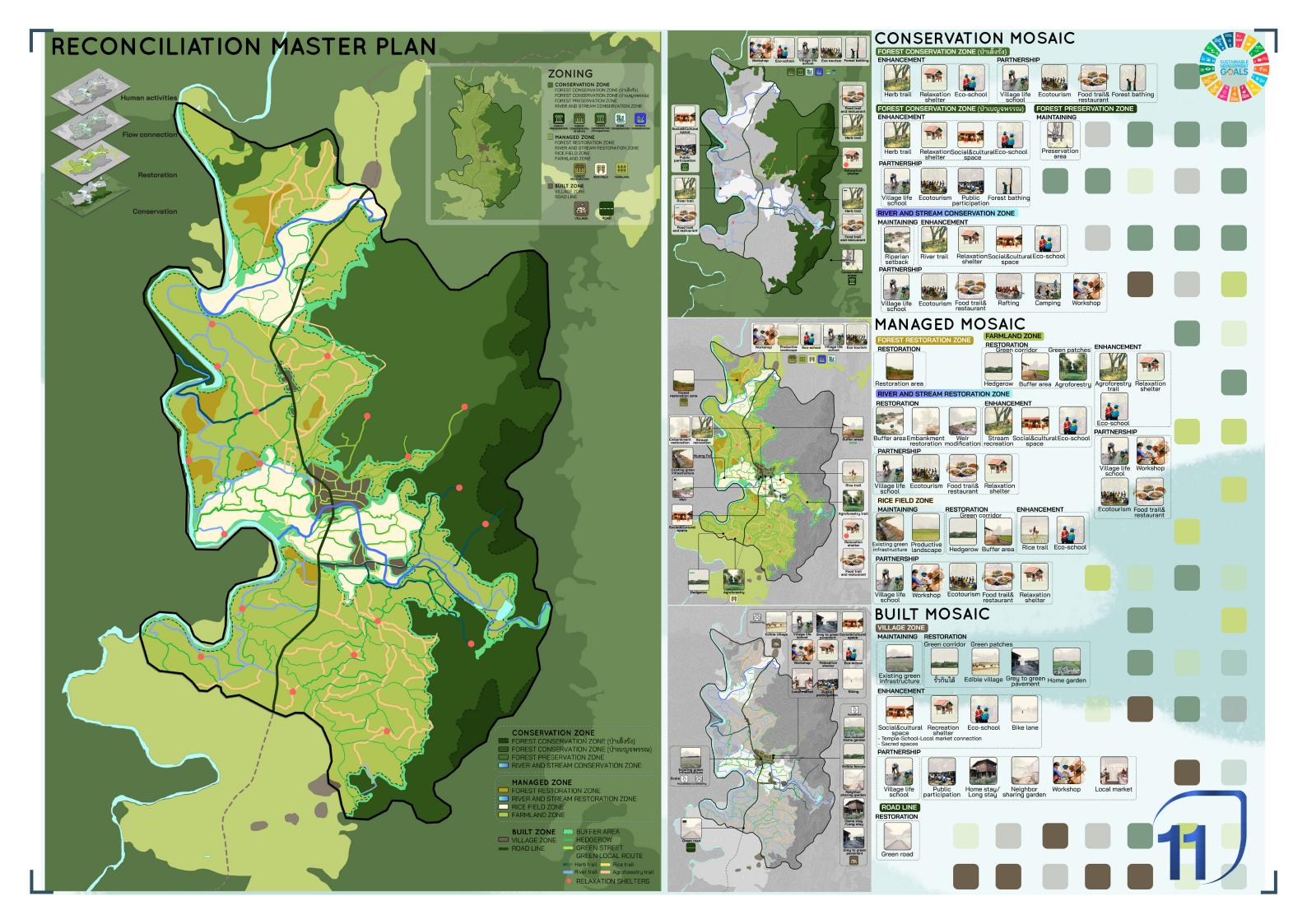


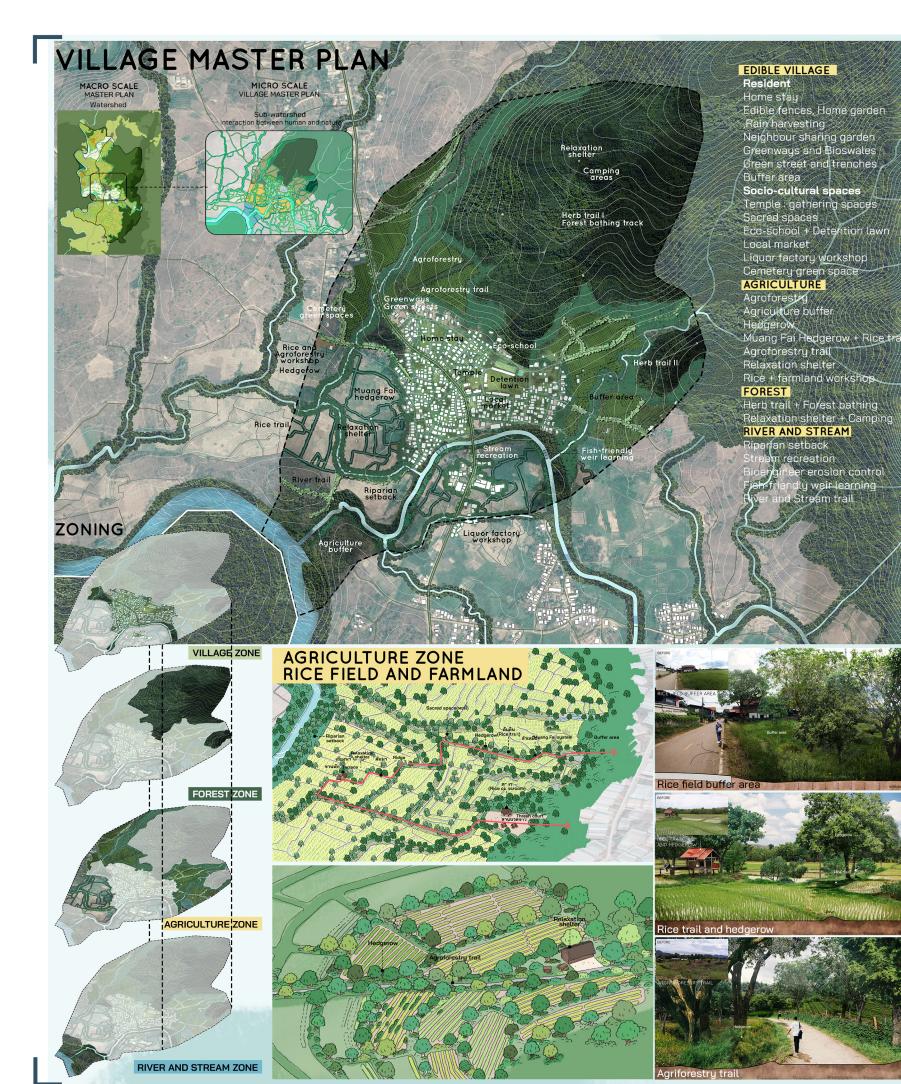
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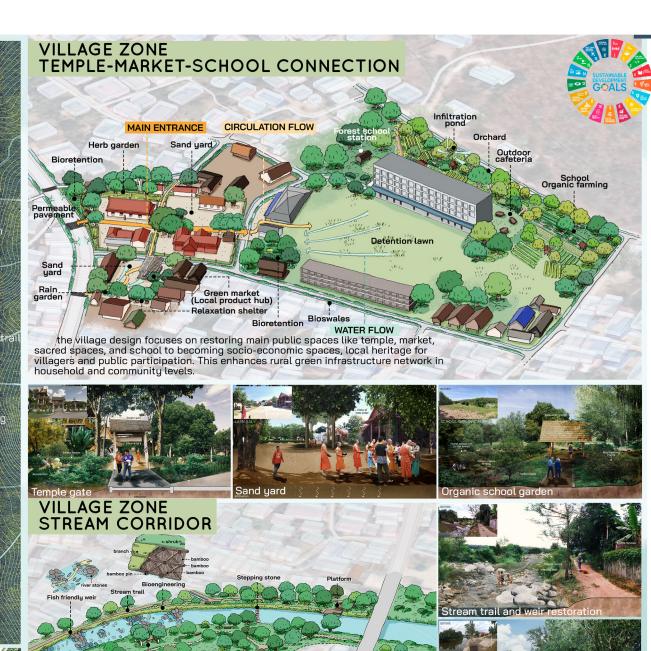
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Making the stream corridor to becoming an ecological recreation, restoration is the key action. The design is to define the riparian setback to preserve the biodiversity. Using river stones as a material to restore the weir instead of concrete allows natural flows of fish and water. Also, the bioengineerings are made of local materials like bamboos.



This project has the expectation of reconciling and harmonizing human to live with nature, maintaining biodiversity of highly complex ecosystem, improving quality of villagers' life, as well as being cultural and natural resources for learning and ecotourism for public awareness. Sa-eab valley project can be an illustrative model for rural landscape development in a sustainable way, being the objective which will make a rural resilient landscape and self-sufficiency community for the future.